SOCIAL SCIENCE & MEDICINE

an international journal

VOLUME 25, 1987

VOLUME CONTENTS, AUTHOR AND SUBJECT INDEXES

PERGAMON PRESS

OXFORD · NEW YORK · BEIJING · FRANKFURT
SÃO PAULO · SYDNEY · TOKYO · TORONTO

SOCIAL SCIENCE & MEDICINE

Editor-in-Chief

PETER J. M. McEWAN

Glengarden, Ballater, Aberdeenshire AB3 5UB, Scotland

Senior Editors

Medical Sociology
PETER J. M. MCEWAN

Health Economics
MORRIS L. BARER
Division of Health Services Research & Development
Office of the Coordinator of Health Sciences
University of British Columbia
Vancouver, B.C.
Canada V6T 1Z6

Medical Psychology
PETER J. M. MCEWAN

Health Policy
PETER J. M. MCEWAN

Medical Anthropology
CHARLES LESLIE
Center for Science and Culture
University of Delaware
Newark, DE 19716, U.S.A.

Medical Geography
ROBERT EARICKSON
Department of Geography
University of Maryland
Catonsville, MD 21228, U.S.A.

Medical & Social Ethics
HARMON L. SMITH
The Divinity School, Duke University
Durham, NC 27706, U.S.A.

Book Reviews

JOHN STOECKLE, Massachusetts General Hospital, Boston, MA 02114, U.S.A.

Regional Editors

A. Antonovsky, Beer Sheva, Israel
I. Baszanger, Paris, France
F. J. Bennett, Nairobi, Kenya
E. Holst, Copenhagen, Denmark
R. Illsley, Bath, England
M. Kelner, Ontario, Canada
M. Knobel, Latin America (Brazil and the Northern States)
J. Krupinski, Victoria, Australia
F. Lolas, Santiago, Chile
T. N. Madan, Delhi, India
J. M. de Miguel, Asturias, Spain
J. Siegrist, Marburg/Lahn, F.R.G.
M. Sokolowska, Warsaw, Poland
P. Twumasi, Legon, Ghana
H. Waitzkin, Anaheim, U.S.A.
I. Waldron, Philadelphia, U.S.A.
M. Yamamoto, Kanagawa-Ken, Japan

Advisory Editors

R. Andreano, Madison, U.S.A.
D. Armstrong, London, England
R. Badgley, Toronto, Canada
C. R. Bagley, Calgary, Canada
H. S. Bassford, Downsview, Canada
J. Cai, Beijing, China
R. Carr-Hill, York, England
L. R. Churchill, Chapel Hill, U.S.A.
Lucy Cohen, Washington, U.S.A.
S. H. Croog, Hartford, U.S.A.
A. J. Culyer, York, England
A. El Safi, Khartoum, Sudan
H. T. Engelhardt, Houston, U.S.A.
G. M. van Etten, Oegstgeest, The Netherlands
Renee C. Fox, Philadelphia, U.S.A.
S. van der Geest, Amsterdam, The Netherlands
J. Girt, Ottawa, Canada
C. M. Good, Boston, U.S.A.
S. Graham, Buffalo, U.S.A.
Y. HaCheong, Chungryang Seoul, S. Korea
L. Hendrata, New York, U.S.A.
J. G. R. Howie, Edinburgh, Scotland
M. Jahoda, Hassocks, England
M. Jefferys, London, England
E. Jonsson, Stockholm, Sweden
O. Kuty, Liège, Belgium
T. A. Lambo, WHO, Switzerland
C. Laurel, Xochimilco, Mexico
R. Lee, Shatin N.T., Hong Kong
A. Letourmy, Paris, France
L. Levi, Stockholm, Sweden
M. Lock, Montreal, Canada
C. P. MacCormack, London, England
L. A. Malcolm, Wellington, New Zealand
A. Mant, Sydney, Australia
F. M. Mburu, Khartoum, Sudan
J. B. McKinlay, Cambridge, U.S.A.
D. McQueen, Edinburgh, Scotland
E. Mendelsohn, Cambridge, U.S.A.
L. J. Menges, Amsterdam, The Netherlands
V. Milanovic, Belgrade, Yugoslavia
G. Mooney, Copenhagen, Denmark
T. Murray, Cleveland, U.S.A.
J. K. Myers, New Haven, U.S.A.
V. Olesen, San Francisco, U.S.A.
J. Orenbuch, Brussels, Belgium
Y. Osei, Kumasi, Ghana
O. Otite, Ibadan, Nigeria
C. M. Parkes, London, England
K. M. Pedersen, Odense, Denmark
B. Pfleiderer, Hamburg, West Germany
H. E. Picheral, Juvignac, France
I. Polunin, Outram Hill, Singapore
J. Powles, Victoria, Australia
G. F. Pyle, Charlotte, U.S.A.
A. Venkoba Rao, Madurai, India
G. C. Reader, New York, U.S.A.
J. Reid, Sydney, Australia
B. Ritson, Edinburgh, Scotland
Patricia Rosenfield, New York, U.S.A.
F. Rutten, Maastricht, The Netherlands
B. L. Sadler, San Diego, U.S.A.
F. T. Sai, Washington, U.S.A.
M. Sakamoto-Momiyama, Tokyo, Japan
G. Shannon, Lexington, U.S.A.
J. Shuval, Jerusalem, Israel
K. Singer, Pokfulam, Hong Kong
A. Smith, Manchester, England
P. Sohl, London, England
R. Squier, Hailsham, England
M. Stacey, Coventry, England
A. Strauss, California, U.S.A.
J. Stromberg, Denver, U.S.A.
J. Szalai, Budapest, Hungary
G. Teeling-Smith, London, England
A. C. Twaddle, Columbia, U.S.A.
A. Ugalde, Pittsburgh, U.S.A.
P. Unschuld, Munich, F.R.G.
Y. Verhasselt, Brussels, Belgium
A. F. Wessen, Providence, U.S.A.
B. Wolfe, Madison, U.S.A.
P. N. Wood, Manchester, England
A. Young, Cleveland, U.S.A.
J. C. Young, Leicester, England
H. A. S. Zahran, Cairo, Egypt
I. K. Zola, Waltham, U.S.A.
A. Zwi, London, England

Publishing Office: Journals Production Unit, Pergamon Journals Ltd, Hennock Road, Marsh Barton, Exeter, Devon EX2 8NE, England (*Tel.* Exeter (0392) 51558; *Telex* 42749).

Subscription and Advertising Offices: *North America*: Pergamon Journals Inc., Maxwell House, Fairview Park, Elmsford, NY 10523, U.S.A.: *Rest of the World*: Pergamon Journals Ltd, Headington Hill Hall, Oxford OX3 0BW, England (*Tel.* Oxford (0865) 64881).

Annual Subscription Rates 1988: Annual institutional subscription rate (1988) DM 1885.00; 2-year institutional rate (1988/89) DM 3581.50; personal subscription rate for those whose library subscribes at the regular rate (1988) DM 222.00.

Prices are subject to amendment without notice.

Microform Subscriptions and Back Issues: Back issues of all previously published volumes are available in the regular editions and on microfilm and microfiche. Current subscriptions are available on microfiche simultaneously with the paper edition and on microfilm on completion of the annual index at the end of the subscription year.

Published 24 issues per year—two volumes per annum

Copyright © 1987 Pergamon Journals Limited

It is a condition of publication that manuscripts submitted to this journal have not been published and will not be simultaneously submitted or published elsewhere. By submitting a manuscript, the authors agree that the copyright for their article is transferred to the publisher if and when the article is accepted for publication. However, assignment of copyright is not required from authors who work for organizations which do not permit such assignment, the copyright covers the exclusive rights to reproduce and distribute the article, including reprints, photographic reproductions, microform or any other reproductions of similar nature and translations. No part of this publication may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, electrostatic, magnetic tape, mechanical, photocopying, recording or otherwise, without permission in writing from the copyright holder.

Photocopying information for users in the U.S.A.: The Item-fee Code for this publication indicates that authorization to photocopy items for internal or personal use is granted by the copyright holder for libraries and other users registered with the Copyright Clearance Center (CCC) Transactional Reporting Service provided the stated fee for copying beyond that permitted by Section 107 or 108 of the United States Copyright Law is paid. The appropriate remittance of $3.00 per copy per article is paid directly to the Copyright Clearance Center Inc., 27 Congress Street, Salem, MA 01970.

Permission for other use: The copyright owner's consent does not extend to copying for general distribution, for promotion, for creating new works, or for resale. Specific written permission must be obtained from the publisher for such copying.

The Item-fee Code for this publication is: 0277-9536/87 $3.00 + 0.00

CONTENTS OF VOLUME 25

Number 1

Announcement
The Xth International Conference on the Social Sciences and Medicine I

MEDICAL ANTHROPOLOGY

PETER UNDERWOOD and BARRIE MARGETTS: Cultural change, growth and feeding of children in an isolated rural region of Yemen 1

MEDICAL GEOGRAPHY

DIANE ROBINSON and STEVEN PINCH: A geographical analysis of the relationship between early childhood death and socio-economic environment in an English city 9

MEDICAL SOCIOLOGY

JIM RIORDAN: Sports medicine in the Soviet Union and German Democratic Republic
Comments: P. JAKO
Comments: DON ANTHONY
Rejoinder 19

NANCY G. KUTNER: Social ties, social support, and perceived health status among chronically disabled people 29

VLADIMIR MILANOVIC: Humanism and medicine
Comments: VUK STAMBOLOVIC
Comments: DONNA E. PARMELEE
Rejoinder 35

FLORA M. HAAIJER-RUSKAMP, ROY STEWART and HARRY WESSELING: Does indirect consultation lead to overprescribing in general practice? 43

HILARY GRAHAM: Women's smoking and family health 47

OFRA ANSON and JON ANSON: Women's health and labour force status: an enquiry using a multi-point measure of labour force participation 57

EBBA HOLME HANSEN and LAILA LAUNSØ: Development, use and evaluation of drugs: the dominating technology in the health care system 65

JOHN OST and MURRAY A. STRAUS: Capital intensive hospital technology and illness: an analysis of American State data 75

SUSAN T. REISINE, CAROL GOODENOW and KATHLEEN E. GRADY: The impact of rheumatoid arthritis on the homemaker 89

Research Note
K. A. OYAREBU: Characteristics of maternal age, parity, social class and breast feeding patterns in Benin City, Nigeria 97

Number 2

UNEMPLOYMENT AND HEALTH

JO E. ASVALL: Foreword 99

LENNART LEVI: Unemployment and health—an introduction 101

MÅRTEN LAGERGREN: Employment, economy and care in Sweden by the year 2000 103

LOUIS LEMKOW: The employed unemployed: the subterranean economy in Spain 111

GUNNAR ADLER-KARLSSON: The choices to be made 115

M. HARVEY BRENNER: Economic change, alcohol consumption and heart disease mortality in nine industrialized countries 119

JOHN H. CULLEN, GERARD M. RYAN, KEVIN M. CULLEN, THOMAS RONAYNE and RICHARD F. WYNNE: Unemployed youth and health: findings from the pilot phase of a longitudinal study 133

JAN CARLE: Youth unemployment—individual and societal consequences, and new research approaches 147

STEN-OLOF BRENNER and LENNART LEVI: Long-term unemployment among women in Sweden 153

BENGT STARRIN and GERRY LARSSON: Coping with unemployment—a contribution to the understanding of women's unemployment 163

MICHAEL FRESE and GISELA MOHR: Prolonged unemployment and depression in older workers: a longitudinal study of intervening variables 173

LARS JOELSON and LEIF WAHLQUIST: The psychological meaning of job insecurity and job loss: results of a longitudinal study 179

M. HARVEY BRENNER: Relation of economic change to Swedish health and social well-being, 1950–1980 183

BERTIL BOLIN: Unemployment and health—new approaches in research and social action 197

PER-GUNNAR SVENSSON: International social and health policies to prevent ill health in the unemployed: the World Health Organization perspective 201

PER-MARTIN MEYERSON: Economic growth and industrial expansion and renewal as instruments to achieve full employment 205

VIKTORIA CUCIĆ: Some experiences of Yugoslavia in solving of unemployment 209

MICHAEL FRESE: Alleviating depression in the unemployed: adequate financial support, hope and early retirement 213

AUBREY R. KAGAN: Unemployment causes ill health: the wrong track 217

GUNNAR ADLER-KARLSSON: An alternative model 219

IAN MILES: Some observations on 'unemployment and health' research 223

Letter to the Editor 227

International Meetings 228

Number 3

Announcement

The Xth International Conference on the Social Sciences and Medicine I

MEDICAL ANTHROPOLOGY

Research Notes

ANTONIO SCARPA: The 'serpent-stone' or the 'black-stone' 229

NADJA REISSLAND and RICHARD BURGHART: The role of massage in south Asia: child health and development 231

MEDICAL ECONOMICS

TIMOTHY G. EVANS and CHRISTOPHER J. L. MURRAY: A critical re-examination of the economics of blindness prevention under the onchocerciasis control programme 241

MEDICAL SOCIOLOGY

MORTON BEISER, NANCY WAXLER-MORRISON, WILLIAM G. IACONO, TSUNG-YI LIN, JONATHAN A. E. FLEMING and JANICE HUSTED: A measure of the 'sick' label in psychiatric disorder and physical illness 251

SAMUEL NOH and R. JAY TURNER: Living with psychiatric patients: implications for the mental health of family members 263

PHARMACEUTICALS IN THE THIRD WORLD: THE LOCAL PERSPECTIVE

Introduction

SJAAK VAN DER GEEST: Pharmaceuticals in the Third World: the local perspective 273

ANITA P. HARDON: The use of modern pharmaceuticals in a Filipino village: doctors' prescription and self medication 277

SJAAK VAN DER GEEST: Self-care and the informal sale of drugs in South Cameroon 293

TRISHA GREENHALGH: Drug prescription and self-medication in India: an exploratory survey 307

Research Note

IVAN WOLFFERS: Drug information and sale practices in some pharmacies of Colombo, Sri Lanka 319

Book Reviews

ELINA HEMMINKI (first review), A. F. COENEN (second review), WILBERT BANNENBERG (third review) and ANDREW CHETLEY (the author replies): "*Cleared for export": an examination of the European community's pharmaceutical and chemical trade*, by Andrew Chetley; SJAAK VAN DER GEEST: *Essential drugs and developing countries: a review and selected annotated bibliography*, by M. Mamdani and G. Walker; MILA AVRAMOVIC: *Pills, policies and profits: reactions to the Bangladesh drug policy*, by Francis Rolt 323

Number 4

HOT–COLD FOOD AND MEDICAL THEORIES: CROSS-CULTURAL PERSPECTIVES

LENORE MANDERSON: Hot–cold food and medical theories: overview and introduction 329

E. N. ANDERSON JR: Why is humoral medicine so popular? 331

ELLEN MESSER: The hot and cold in Mesoamerican indigenous and hispanicized thought 339

MARGARITA KAY and MARIANNE YODER: Hot and cold in women's ethnotherapeutics: the American-Mexican West 347

CAROL LADERMAN: Destructive heat and cooling prayer: Malay humoralism in pregnancy, childbirth and the postpartum period 357

LAUREL KENDALL: Cold wombs in balmy Honolulu: ethnogynecology among Korean immigrants 367

MARK NICHTER: Cultural dimensions of hot, cold and sema in Sinhalese health culture 377

ROBERT POOL: Hot and cold as an explanatory model: the example of Bharuch district in Gujarat, India 389

SOHEIR SUKKARY-STOLBA: Food classifications and the diets of young children in rural Egypt 401

LINDA C. KOO: Concepts of disease causation, treatment and prevention among Hong Kong Chinese: diversity and eclecticism 405

Publications Received 419

Number 5

Announcement

The Xth International Conference on the Social Sciences and Medicine I

MEDICAL ANTHROPOLOGY

NANCY CAMPBELL-HEIDER and DONALD POLLOCK: Barriers to physician–nurse collegiality: an anthropological perspective 421

MEDICAL ECONOMICS

H. S. E. GRAVELLE and M. E. BACKHOUSE: International cross-section analysis of the determination of mortality 427

PETER A. BERMAN, DAVIDSON R. GWATKIN and SUSAN E. BURGER: Community-based health workers: head start or false start towards health for all? 443

C. A. BLADES, A. J. CULYER and A. WALKER: Health service efficiency: appraising the appraisers —a critical review of economic appraisal in practice 461

HEALTH POLICY

LAURENCE MALCOLM: Progress towards achieving health for all New Zealanders by the year 2000 473

A. H. VAN DER ZWAAN: Health care institutions in a regional network: a longitudinal case study of inter-organizing 481

MEDICAL SOCIOLOGY

P. C. HUMBLET, R. LAGASSE, G. F. G. MOENS, E. WOLLAST and H. VAN DE VOORDE: La mortalité évitable en Belgique 485

STEPHEN K. CHANDIWANA: Community water-contact patterns and the transmission of *Schistosoma haematobium* in the highveld region of Zimbabwe 495

MONICA E. BRISCOE: Why do people go to the doctor? Sex differences in the correlates of GP consultation 507

ANDREW C. TWADDLE: Swedish physicians' perspectives on work and the medical care system —II: the cases of child and maternal health physicians 515

Book Reviews

EDWARD W. CAMPION: *Age, health and employment*, edited by James E. Birren, Pauline K. Robinson and Judy E. Livingston; MARGARET LOCK: *The cultural transition: human experience and social transformation in the Third World and Japan*, edited by Merry I. White and Susan Pollak; SARA A. QUANDT: *Infant care and feeding in the South Pacific*, edited by Leslie B. Marshall 525

International Meeting 528

Number 6

Background Papers to the TENTH INTERNATIONAL CONFERENCE ON THE SOCIAL SCIENCES AND MEDICINE

Section A

F. J. BENNETT: AIDS as a social phenomenon 529

B. VELIMIROVIC: AIDS as a social phenomenon 541

Section B

GRETEL H. PELTO: Cultural issues in maternal and child health and nutrition 553

Section C

LAWRENCE E. HINKLE JR: Stress and disease: the concept after 50 years 561

S. MAES, A. VINGERHOETS and G. VAN HECK: The study of stress and disease: some developments and requirements 567

Section D

INGEBORG P. SPRUIT and DAAN KROMHOUT: Medical sociology and epidemiology: convergences, divergences and legitimate boundaries 579

JAAKKO TUOMILEHTO and PEKKA PUSKA: The changing role and legitimate boundaries of epidemiology: community-based prevention programmes 589

Section F

ONIGU OTITE: The impact and integration of behavioural sciences in the education of health care professionals 599

Section G

ARTHUR BROWNLEA: Participation: myths, realities and prognosis 605

T. N. MADAN: Community involvement in health policy; socio-structural and dynamic aspects of health beliefs 615

Section H

GEORGE TEELING SMITH: The economics of essential drug programmes 621

JOSEPH K. WANG'OMBE and GERMANO M. MWABU: Economics of essential drugs schemes: the perspectives of the developing countries 625

Section I

MAURIZIO MORI: The philosophical basis of medical ethics 631

THOMAS H. MURRAY: Medical ethics, moral philosophy and moral tradition 637

Section J

ARNT MEYER-LIE: The political abuse of medicine 645

ANTHONY B. ZWI: The political abuse of medicine and the challenge of opposing it 649

Section L

CAI JINGFENG: Toward a comprehensive evaluation of alternative medicine 659

MAHESH S. PATEL: Problems in the evaluation of alternative medicine 669

Section M

F. M. HULL: The role of socio-behavioural scientists in health care practice 679

THERESA F. ROGERS: Improving the fit between social science and health care practice: suggested next steps for the researcher 689

Section N

JALNA HANMER: Reproduction trends and the emergence of moral panic 697

Section O

HARMON L. SMITH: Medical ethics in the primary care setting 705

Section P

HANS S. FALCK: Social and psychological care before and during hospitalization 711

DAVID HALL: Social and psychological care before and during hospitalisation 721

Section Q

MADELEINE J. GOODMAN and LENN E. GOODMAN: Medicalization and its discontents 733

Section S

DAVID BARNARD: The viability of the concept of a primary health care team: a view from the medical humanities 741

TIES BOERMA: The viability of the concept of a primary health care team in developing countries 747

Section T

ROY A. CARR-HILL: When is a data set complete? A squirrel with a vacuum cleaner 753

Number 7

Announcement

The Xth International Conference on the Social Sciences and Medicine I

MEDICAL ANTHROPOLOGY

JAMES K. BOEHNLEIN: Clinical relevance of grief and mourning among Cambodian refugees 765

MEDICAL ECONOMICS

CHRISTOPHER J. L. MURRAY: A critical review of international mortality data 773

MEDICAL ETHICS

ERICH H. LOEWY: Communities, obligations and health-care 783

MEDICAL GEOGRAPHY

ALAN G. FERGUSON: Some aspects of birth seasonality in Kenya 793

CHARLES ANYINAM: Availability, accessibility, acceptability, and adaptability: four attributes of African ethno-medicine 803

MEDICAL SOCIOLOGY

GEORGE K. JARVIS and HERBERT C. NORTHCOTT: Religion and differences in morbidity and mortality 813

KJERSTIN GENELL ANDRÉN and URBAN ROSENQVIST: Heavy users of an emergency department—a two year follow-up study 825

DONNA M. MEAGHER, FRANCES GREGOR and MIRIAM STEWART: Dyadic social-support for cardiac surgery patients—a Canadian approach 833

JUDITH A. RICHMAN, MOISES GAVIRIA, JOSEPH A. FLAHERTY, SUSAN BIRZ and RONALD M. WINTROB: The process of acculturation: theoretical perspectives and an empirical investigation in Peru 839

B. S. HANSON and P.-O. ÖSTERGREN: Different social network and social support characteristics, nervous problems and insomnia: theoretical and methodological aspects on some results from the population study 'Men Born in 1914', Malmö, Sweden 849

DEBORAH E. SIMPSON, EUGENE C. RICH, KATHLEEN A. DALGAARD, DWENDA GJERDINGEN, TERRY W. CROWSON, DANIEL K. O'BRIEN and PAUL E. JOHNSON: The diagnostic process in primary care: a comparison of general internists and family physicians 861

Number 8

HEALTH ECONOMICS

JOHN L. FIEDLER: Recurrent cost and public health care delivery: the other war in El Salvador 867

MARKKU PEKURINEN and HANNU VALTONEN: Price, policy and consumption of tobacco: the Finnish experience 875

BARBARA WOLFE and MARY GABAY: Health status and medical expenditures: more evidence of a link 883

MEDICAL GEOGRAPHY

MICHAEL R. RIP, CECIL S. KEEN and DAVID L. WOODS: Intra-urban variations of neonatal and post-neonatal mortality in a developing city 889

MEDICAL SOCIOLOGY

HILARY BURRAGE: Epidemiology and community health: a strained connection? 895

PAUL KIND and ROY CARR-HILL: The Nottingham health profile: a useful tool for epidemiologists? 905

S. AKBAR ZAIDI: Undergraduate medical education in underdeveloped countries: the case of Pakistan 911

ANTHROPOLOGICAL PERSPECTIVES ON PREVENTION: CASE STUDIES IN NORTH AMERICA

GENEVIEVE M. AMES and CRAIG R. JANES: Anthropology and prevention in North America: an introduction 921

LAWRENCE WALLACK and MARILYN WINKLEBY: Primary prevention: a new look at basic concepts 923

JERROLD E. LEVY and STEPHEN J. KUNITZ: A suicide prevention program for Hopi youth 931

JOSEPH WESTERMEYER: Prevention of mental disorder among Hmong refugees in the U.S.: lessons from the period 1976–1986 941

GENEVIEVE M. AMES and CRAIG R. JANES: Heavy and problem drinking in an American blue-collar population: implications for prevention 949

SARAH H. FREEMAN: Health promotion talk in family practice encounters 961

Publications Received 967

International Meetings 968

Number 9

MEDICAL ANTHROPOLOGY

CECIL G. HELMAN: Heart disease and the cultural construction of time: the type A behaviour pattern as a Western culture-bound syndrome 969

GARY D. JAMES, PAUL T. BAKER, DAVID A. JENNER and G. AINSWORTH HARRISON: Variation in lifestyle characteristics and catecholamine excretion rates among young Western Samoan men 981

S. C. MCCOMBIE: Folk flu and viral syndrome: an epidemiological perspective 987

HEALTH ECONOMICS

RANDALL P. ELLIS: The revenue generating potential of user fees in Kenyan government health facilities 995

MEDICAL GEOGRAPHY

HELMUT KLOOS, ALEMAYEHU ETEA, ASSEFA DEGEFA, HUNDESSA AGA, BERHANU SOLOMON, KABEDE ABERA, ABEBE ABEGAZ and GETO BELEMO: Illness and health behaviour in Addis Ababa and rural central Ethiopia 1003

MEDICAL PSYCHOLOGY

CAROLINE HÄGGMARK, TÖRES THEORELL and BENGT EK: Coping and social activity patterns among relatives of cancer patients 1021

WRIGHT WILLIAMS and JEAN SPRUILL: The criminal justice/mental health system and the mentally retarded, mentally ill defendant 1027

W. J. DONNELLY, J. E. DONNELLY and Y. H. THONG: Guidelines for maintenance treatment of childhood asthma: development of a score card system by multivariate cluster analysis 1033

MEDICAL SOCIOLOGY

GEORGE M. FOSTER: Bureaucratic aspects of international health agencies 1039

MORRIS WEINBERGER, SHARON L. HINER and WILLIAM M. TIERNEY: Assessing social support in elderly adults 1049

HILDRETH Y. GROSSMAN, PATRICIA SALT, CAROL NADELSON and MALKAH NOTMAN: Coping resources and health responses among men and women medical students 1057

MARY P. TAGGART, STEVEN A. WARTMAN and ALBERT F. WESSEN: An analysis of medical students' residency and specialty choices 1063

International Meetings 1069

Announcement 1071

Number 10

MEDICAL GEOGRAPHY

SUSAN J. WATTS: Population mobility and disease transmission: the example of guinea worm 1073

BOLA AYENI, GERARD RUSHTON and MICHAEL L. MCNULTY: Improving the geographical accessibility of health care in rural areas: a Nigerian case study 1083

MEDICAL PSYCHOLOGY

ANTON J. M. SCHMIDT and ARNOUD ARNTZ: Psychological research and chronic low back pain: a stand-still or breakthrough? 1095

MEDICAL SOCIOLOGY

JUDITH L. LADINSKY, NANCY D. VOLK and MARGARET ROBINSON: The influence of traditional medicine in shaping medical care practices in Vietnam today 1105

DOUGLAS LEE ECKBERG: The dilemma of osteopathic physicians and the rationalization of medical practice 1111

KJERSTIN GENELL ANDRÉN and URBAN ROSENQVIST: An ecological study of the relationship between risk indicators for social disintegration and use of a somatic Emergency Department 1121

ULLABETH SÄTTERLUND LARSSON, ROGER SÄLJÖ and KARIN ARONSSON: Patient–doctor communication on smoking and drinking: lifestyle in medical consultations 1129

CROSS-CULTURAL PERSPECTIVES ON WOMEN IN HEALTH CARE

WERNER WILBERT: The pneumatic theory of female Warao herbalists 1139

LAURIS MCKEE: Ethnomedical treatment of children's diarrheal illnesses in the Highlands of Ecuador 1147

RUTHBETH FINERMAN: Inside out: women's world view and family health in an Ecuadorian Indian community 1157

SHEILA COSMINSKY: Women and health care on a Guatemalan plantation 1163

Letter to the Editor 1175

Book Reviews

K. CODELL CARTER: *Galen on bloodletting*, by Peter Brain; DAVID EISENBERG: *The Chinese hospital: a socialist work unit*, by Gail E. Henderson and Myron S. Cohen; STEVEN GREER: *Women with cancer: psychological perspectives*, edited by Barbara L. Andersen 1177

Publications Received 1181

Number 11

HEALTH ECONOMICS

MARC L. BERK and GAIL R. WILENSKY: Health insurance coverage of the working poor 1183

MEDICAL GEOGRAPHY

MARY E. CAWLEY and FIONA M. STEVENS: Non-attendance at outpatient clinics at the Regional Hospital, Galway, Ireland 1189

MEDICAL PSYCHOLOGY

R. FITZPATRICK, G. IKKOS, D. FROST and S. NAZEER: The assessment of patients' distress in genito-urinary medicine clinics 1197

GERARD R. KELLY, JOYCE A. MAMON and JACK E. SCOTT: Utility of the health belief model in examining medication compliance among psychiatric outpatients 1205

MEDICAL SOCIOLOGY

DAVID ARMSTRONG: Theoretical tensions in biopsychosocial medicine 1213

PETER WARR and PAUL JACKSON: Adapting to the unemployed role: a longitudinal investigation 1219

THOMAS O. EISEMON, VIMLA L. PATEL and SARONE OLE SENA: Uses of formal and informal knowledge in the comprehension of instructions for oral rehydration therapy in Kenya 1225

ELLEN C. ANNANDALE: Dimensions of patient control in a free-standing birth center 1235

Research Note

MICHAEL GROPPER: Family medicine and psychosocial knowledge: how many hats can the family doctor wear? 1249

Information 1257

International Meetings 1258

Number 12

MEDICAL ANTHROPOLOGY

MARK NOTMAN, KENNETH R. HOWE, WILLIAM RITTENBERG, ROBERT BRIDGHAM, MARGARET M. HOLMES and DAVID R. ROVNER: Social policy and professional self-interest: physician responses to DRGs 1259

CAROLYN SARGENT and NANCY STARK: Surgical birth: interpretations of cesarean delivery among private hospital patients and nursing staff 1269

DAVID NYAMWAYA: A case study of the interaction between indigenous and Western medicine among the Pokot of Kenya 1277

MARCIA INHORN MILLAR: Genital chlamydial infection: a role for social scientists 1289

MEDICAL SOCIOLOGY

JUDITH JUSTICE: The bureaucratic context of international health: a social scientist's view 1301

JEAN KING and ANN ASHWORTH: Historical review of the changing pattern of infant feeding in developing countries: the case of Malaysia, The Caribbean, Nigeria and Zaire 1307

KENNETH G. REEB, ANTONNETTE V. GRAHAM, STEPHEN J. ZYZANSKI and GAY C. KITSON: Predicting low birthweight and complicated labor in urban black women: a biopsychosocial perspective 1321

Letter to the Editor 1329